BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF HEAD ROOM, OVERHEAD TANK PROVIDING SANITARY WATER SUPPLY CONNECTIONS AND ELECTRICAL WORKS TO MARRIAGE COMMUNITY HALL BUILDING AT CHIKKABETTAHALLI IN WARD NO. 03

Modified Estimate

1. Building

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 16,Item No 4.32								
	Third floor								
	Head room								
	Column	Sqm	2	1.4		2.55	7.14		
		Sqm	2	1.4		2.23	6.24		
	water tank room								
	Column	Sqm	4	1.30		2.55	13.26		
	Quoted Rate						**26.64**	**441.00**	**11750.00**
2	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2Pg No 16,Item No 4.34								
	water tank Room Roof Beams								
	Side	Sqm	4	3.3		0.3	3.96		
			4	4.5		0.3	5.4		
	Base	Sqm	2	3.3	0.2		1.32		
			2	4.5	0.2		1.8		
	Quoted Rate						**12.48**	**295.96**	**3693.58**
3	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 15,Item No 4.18								
	Third Floor								
	water tank room								
	Roof Slab	Sqm	1	3.5	4.5		15.75		
	Side	Sqm	1	16		0.15	2.4		
	Total						**18.15**	**367.5**	**6670.13**
4	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 13, Item No. 4.12								
	Third floor								
	Head room								
	Column	Cum	2	0.2	0.5	2.55	0.51		
		Cum	2	0.2	0.5	2.23	0.44		

0.95

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	water tank room								
	Column	Cum	4	0.2	0.45	2.55	0.91		
	beam	Cum	2	3.3	0.2	0.45	0.59		
		Cum	2	4.5	0.2	0.45	0.81		
	Roof Slab	Cum	1	3.5	4.5	0.15	2.36		
	Quoted Rate						**5.62**	**7552.86**	**42447.07**
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500 Specification No.4.6.3. item No.4.46.2 page no.17								
	Column,Beam& Slab	cum	Concrete quantity				**5.62**		
		kg					**646.45**		
		tonne					**0.65**		
	Total						**0.65**	**71881.04**	**46467.50**
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing complete as per specifications. with solid blocks size of 400X200X200mm. Pg No. 25 Item No. 5.27.1								
	Third Floor								
	Head room								
		Sqm	1	6.6		2.55	16.83		
		Sqm	1	6.6		1.9	12.54		
		Sqm	2	3.75		2.23	16.68		
	Water Tank Room								
		Sqm	2	3.3		2.55	16.83		
		Sqm	2	4.5		2.55	22.95		
	Sump Walls								
		Sqm	2	4.1		1.6	13.12		
		Sqm	2	2.7		1.6	8.64		
	Septic Tank Walls								
		Sqm	2	3.2		1.4	8.96		
		Sqm	2	2.4		1.4	6.72		
	Baffles		2	2.4		0.8	3.84		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
	Qty						**120.63**		
	Qty upto 125%						**99.19**	**1189.72**	**118008.33**
	Qty above 125%						**21.44**	**1090.70**	**23384.61**
7	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to IS : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work Pg No. 25 Item No. 5.28								
	Ground Floor								
	near lobby	Sqm	1	1.85		2.1	3.88		
	Quoted Rate						**3.88**	**829.08**	**3216.83**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 114,Item No.15.16								
	External Plastering								
	Ground Floor								
8	portico Columns	Sqm	4	1.3		3	15.07		
	Sump Walls		2	4.1		1.6	13.12		
			2	2.7		1.6	8.64		
	Sump Tank Walls		2	3.2		1.4	8.96		
			2	2.4		1.4	6.72		
			2	2.4		0.8	3.84		
						Qty	**56.35**		
	Qty upto 125%						**18.84**	**255.78**	**4818.90**
	Qty above 125%						**37.51**	**295.92**	**11100.55**
9	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 114,Item No.15.16								
	First Floor								
	portico Columns	Sqm	4	1.3		3	15.07		
	Quoted Rate						**15.07**	**261.66**	**3943.74**
10	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 114,Item No.15.16								
	Third Floor								
	Head room								
		Sqm	1	6.6		2.55	16.83		
		Sqm	1	6.6		1.9	12.54		
		Sqm	2	3.75		2.23	16.68		
	Water Tank Room								
		Sqm	2	3.3		3	19.8		
		Sqm	2	4		3	24		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
	Quoted Rate						**83.38**	**273.42**	**22797.76**
11	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing etc. complete as per specifications Pg No. 113,Item No.15.14								
	Internal Plastering								
	Ground Floor								
	Lobby								
		Sqm	1	13		0.9	11.7		
		Sqm	1	4.95		0.9	4.455		
		Sqm	1	4.5		0.9	4.05		
	near lobby	Sqm	2	1.85		2.1	7.77		

27.975

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Gents Toilet	Sqm	1	18.5		0.9	16.65		
	Ladies Toilet	Sqm	1	18.5		0.9	16.65		
	near Hand wash Basin	Sqm	1	9.1		0.9	8.19		
	Deduction								
	V	Sqm	8	0.6		0.6	-2.88		
	Quoted Rate						**66.59**	**193.06**	**12854.90**
12	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing etc. complete as per specifications Pg No. 113,Item No.15.14								
	First Floor								
	Toilets	Sqm	2	8.4		0.9	15.12		
	Deduction								
	V	Sqm	2	0.6		0.6	-0.72		
	Quoted Rate						**14.4**	**198.94**	**2864.74**
13	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing etc. complete as per specifications Pg No. 113,Item No.15.14								
	Second Floor								
	near Staircase	Sqm	1	1.9		0.9	1.71		
	Toilets								
		Sqm	1	8.4		0.9	7.56		
		Sqm	5	6		0.9	27		
		Sqm	1	6.2		0.9	5.58		
	Deduction								
	V	Sqm	7	0.6		0.6	-2.52		
	Quoted Rate						**39.33**	**204.82**	**8055.57**
14	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing etc. complete as per specifications Pg No. 113,Item No.15.14								
	Third Floor								
	Head room								
		Sqm	1	6.6		2.55	16.83		
		Sqm	1	6.6		1.9	12.54		
		Sqm	2	3.75		2.23	16.68		
	Water Tank Room								
		Sqm	2	3.3		3	19.8		
		Sqm	2	4		3	24		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
	Quoted Rate						**83.37**	**210.7**	**17566.06**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
15	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc. complete as per specification. complete as per specifications Pg No. 114,Item No.15.21								
	Entrance portico Slab	sqm	1	3.8	5.5		20.9		
	Quoted Rate						**20.9**	**223.44**	**4669.90**
16	KSRB15-5.2 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-115, Item No-15.31								
	Wall cladding								
	Ground Floor								
	Lobby								
	RHS Wall @ Extension	Sqm	1	13		2.1	27.3		
		Sqm	1	4.95		2.1	10.395		
		Sqm	1	4.5		2.1	9.45		
	Door Jam	Sqm	4	0.25		2.1	2.1		
	Building Front	Sqm	1	13.6		2.1	28.56		
	Wash Basin	Sqm	1	6.85		0.8	5.48		
		Sqm	2	1.85		0.6	2.22		
		Sqm	2	1.45		0.6	1.74		
	Ladies & Gents bath room	Sqm	2	2.1		2.1	8.82		
		Sqm	2	1.1		2.1	4.62		
	Gents Toilet	Sqm	1	18.5		2.1	38.85		
	Ladies Toilet	Sqm	1	13.7		2.1	28.77		
	WC	Sqm	8	4.8		2.1	80.64		
		Sqm	8	0.5		2.1	8.4		
	Hand Wash area		1	9.1		2.1	19.11		
	Sink walls		7	0.6		0.6	2.52		
	Deduction								
	D1	Sqm	2	0.9		2.1	-3.78		
	D2	Sqm	8	0.75		2.1	-12.6		
	Qty						**262.60**		
	Qty Upto 125%						**262.60**	**181.3**	**47608.47**
17	KSRB15-5.2 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-115, Item No-15.31								
	First Floor								
	Toilets	Sqm	2	8.4		2.1	35.28		
	near front Door	Sqm	2	0.6		2.1	2.52		
	Deduction								
	D2	Sqm	2	0.75		2.1	-3.15		
	Quoted Rate						**34.65**	**188.16**	**6519.74**
18	KSRB15-5.2 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-115, Item No-15.31								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Second Floor								
	near Staircase	Sqm	1	1.9		2.1	3.99		
	Toilets								
		Sqm	1	8.4		2.1	17.64		
		Sqm	5	6		2.1	63		
		Sqm	1	6.2		2.1	13.02		
	Deduction								
	D2	Sqm	7	0.75		2.1	-11.025		
	Total						**86.63**	**194.04**	**16808.72**
19	KSRB15-5.2 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-115, Item No-15.31								
	Third floor								
	Skirting								
	Water tank room	Sqm	1	15.2		0.1	1.52		
	Head room	Sqm	1	7.9		0.1	0.79		
	Deduction								
	D3	Sqm	2	1.2		0.1	-0.24		
	Quoted Rate						**2.07**	**198.94**	**411.81**
20	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2								
	Ground Floor								
	Wall Clading								
	Gents Toilet	Sqm	1	9.25		2.1	19.425		
	Ladies Toilet	Sqm	1	9.25		2.1	19.425		
	WC	Sqm	8	4.8		2.1	80.64		
		Sqm	8	0.5		2.1	8.4		
	Hand Wash		1	9.1		2.1	19.11		
	Sink Walls		7	0.6		0.6	2.52		
							149.52		
	Qty upto 125%						**149.52**	**1719.9**	**257159.45**
21	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2								
	First Floor								
	Wall Clading								
	Toilets	Sqm	2	8.4		2.1	35.28		
	Quoted Rate						**35.28**	**1720.88**	**60712.65**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
22	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2								
	Second Floor								
	Wall Clading								
	Toilets								
		Sqm	1	8.4		2.1	17.64		
		Sqm	5	6		2.1	63		
		Sqm	1	6.2		2.1	13.02		
							93.66	**1723.82**	**161452.98**
23	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2								
	Third floor								
	Skirting								
	Water tank room	Sqm	1	15.2		0.1	1.52		
	Head room	Sqm	1	7.9		0.1	0.79		
	Deduction								
	D3	Sqm	2	1.2		0.1	-0.24		
							2.07	**1724.8**	**3570.34**
24	Providing and fixing 20mm thick gang saw water cut LAKARED granite for Cladding in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.page no 109 item no.14.60								
	CLADDING								
	ground Floor								
	Lobby								
		Sqm	1	13		2.1	27.3		
		Sqm	1	4.95		2.1	10.395		
		Sqm	1	4.5		2.1	9.45		
	Door Jam	Sqm	4	0.25		2.1	2.1		
	Building Front	Sqm	1	13.6		2.1	28.56		
			1	6.85		0.8	5.48		
			2	1.85		0.6	2.22		
			2	1.45		0.6	1.74		
			2	2.1		2.1	8.82		
			2	1.1		2.1	4.62		
							100.69		
	Qty Reserved to						**99.86**	**4281.62**	**427541.17**
25	Providing and fixing 20mm thick gang saw water cut LAKARED granite for Cladding in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.page no 109 item no.14.60								

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	First Floor								
	near front Door	Sqm	2	0.6		2.1	2.52		
							2.52	**4283.58**	**10794.62**
26	Providing and fixing 20mm thick gang saw water cut LAKARED granite for Cladding in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification.page no 109 item no.14.60								
	Second Floor								
	near Staircase	Sqm	1	1.9		2.1	3.99		
							3.99	**4285.54**	**17099.30**
27	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete., (Sl. No. 14.51, Page No. 108)								
	Entry Steps near Portico								
		Sqm	30	1.9	0.3		17.1		
		Sqm	31	1.9	0.3		17.67		
	Landing	Sqm	1	3.2	2.6		8.32		
		Sqm	5	1.9	0.3		2.85		
		Sqm	6	1.9	0.15		1.71		
	Landing	Sqm		3.2	1.2		3.84		
							51.49	**4620.7**	**237919.84**
28	Providing and fixing granite flooring in combination of 19mm thick (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc. (Item. No. 14.58, Page No. 109)								
	Ground floor								
	Kitchen	Sqm	1	11.33	4.3		48.72		
	Gas bank	Sqm	1	2.9	1.45		4.21		
	Store Room	Sqm	1	2.9	2.65		7.69		
	Lobby	Sqm	1	12.75	3.15		40.16		
		Sqm	1	1.37	4.3		5.89		
	Entry Steps Flooring	Sqm	1	2	1.4		2.80		
	Near hand wash area wash basin bottom	Sqm	1	6.85	0.8		5.48		
		Sqm	2	1.85	0.6		2.22		
		Sqm	2	1.45	0.6		1.74		
	Kitchen floor washing area	Sqm	2	2.8	0.23		1.29		
			2	2.32	0.23		1.07		
	Qty upto 125%						**121.26**	**4322.78**	**524170.36**
29	**Third floor**								
	Water tank room	Sqm	1	3.3	4.3		14.19		
	Head room	Sqm	1	2.9	2.5		7.25		

91.44

Cr. 21.44

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**21.44**	**4318.86**	**92596.36**
30	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.44								
	Ground Floor								
	gents toilet	Sqm	1	4.8	1.7		8.16		
	ladies toilet	sqm	1	4.85	2.3		11.155		
	Total						**19.32**	**1238.72**	**23925.88**
31	KSRB 14.14-5: Providing Ceramic tiles of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.Specification No. KBS _do_ for Ceramic Tiles of size 30x30cms 6mm thick .Pg No 106,Item No14.36 .2								
	Ground floor								
	WC	Sqm	8	1.1	1.3		11.44		
	Total						**11.44**	**1362.2**	**15583.57**
32	**First floor**								
	Toilet	Sqm	2	3	1.2		7.2		
	Total						**7.2**	**1365.14**	**9829.01**
33	**Second Floor**								
	toilets								
		Sqm	5	1.8	1.2		10.8		
		Sqm	1	3	1.2		3.6		
		Sqm	1	1.9	1.2		2.28		
	Total						**16.68**	**1366.12**	**22786.88**
34	KSRB 10-2 : Providing and laying in position yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS..Pg No 66,Item No 10.1								
	Second Floor								
	Entrance portico Slab	sqm	1	3.8	5.5		20.9		
	Total						**20.9**	**934.92**	**19539.83**
35	**Third floor**								
	Terrace floor	sqm	1	21.05	19		399.95		
	Deduction	*sqm*							
	Water tank Room	sqm	1	3.5	4.5		-15.75		
	Head room	sqm	1	6.6	3.75		-24.75		
	Total						**359.45**	**936.88**	**336761.52**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
36	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.33 Item No.7.11.2								
	Ground Floor								
	V	Sqm	8	0.6		0.6	1.44		
	Hand wash Basin	Sqm							
	W		1	4.30		0.35	0.75		
	W		1	0.35		0.25	0.04		
	Total						**2.24**		
	Qty Reserved to						**1.44**	**4851.00**	**6985.44**
37	**First floor**								
	V	Sqm	2	0.6		0.6	0.36		
	Total						**0.36**	**4851**	**1746.36**
38	**Second floor**								
	W	Sqm	10	1.8		1.6	14.4		
	W1	Sqm	4	1.2		1.6	3.84		
	V	Sqm	7	0.6		0.6	1.26		
	Total						**19.5**	**4856.88**	**94709.16**
39	**Third Floor**								
	W	Sqm	1	1.2		1.2	0.72		
	Total						**0.72**	**4862.76**	**3501.19**
40	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 51, Item No. 9.15								
	ground Floor								
	D	Sqm	1	1.8		2.1	3.78		
	D1	Sqm	3	0.9		2.1	5.67		
	Total						**9.45**	**5380.2**	**50842.89**
41	**First floor**								
	D1	Sqm	3	0.9		2.1	5.67		
	Total						**5.67**	**5384.12**	**30527.96**
42	**Second floor**								
	D1	Sqm	7	0.9		2.1	13.23		
	Total						**13.23**	**5388.04**	**71283.77**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
43	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. P.No.60, I.No.9.94								
	Ground Floor								
	D2	Sqm	8	0.75		2.1	12.6		
	Total						**12.6**	**4635.4**	**58406.04**
44	First Floor								
	D2	Sqm	2	0.75		2.1	3.15		
	Total						**3.15**	**4639.32**	**14613.86**
45	Second Floor								
	D2	Sqm	7	0.75		2.1	11.03		
	Total						**11.03**	**4642.26**	**51180.92**
46	KSRB 9.7-1: Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM ofmachineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 Pg No. 51 Item No. 9.20								
	First Floor								
	MD	Sqm	1	1.5		2.15	3.23		
	Total						**3.23**	**8494.64**	**27395.21**
47	Second floor								
	D	Sqm	1	2.95		2.4	7.08		
						TOTAL	**7.08**	**8498.56**	**60169.80**
48	providing melamine polishing of approved shade includingremoving and refixing of doors shutters, glass, beading andexisting polishing scraping with blade and rubbing with zero size sand paper and applying sealer coat by way of spraying with necessary compressor and applying patty after rubbing with steel wool including two coats of approved shade of melamine polish etc., complete Pg no:124.Item no:15.97								
	First Floor								
	Door Frames								
	MD	Sqm	1	7.30	0.10		0.73		
		Sqm	2	7.30	0.075		1.10		
	Door Shutter	Sqm	2	1.50		2.15	6.45		
	Second Floor								
	Door Frames								
	D	Sqm	1	10.70	0.10		1.07		
		Sqm	2	10.70	0.075		1.61		
	Door Shutter	Sqm	2	2.95		2.4	14.16		
	Total						**25.11**	**1051.54**	**26404.17**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
49	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:118.Item no:15.60.1								
	Ground Floor								
	D	Sqm	1	7.80	0.15		1.17		
		Sqm	2	7.80	0.13		2.03		
	D1	Sqm	3	6.00	0.10		1.80		
		Sqm	6	6.00	0.075		2.70		
	First Floor								
	D1	Sqm	3	6.00	0.10		1.80		
		Sqm	6	6.00	0.075		2.70		
	Second Floor								
	D1	Sqm	7	6.00	0.10		4.20		
		Sqm	14	6.00	0.075		6.30		
	Total						**22.70**	**97.02**	**2202.35**
50	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 43 Item no.7.38								
	Enrtry portico Steps	Sqm	1	24		1	24		
	Entrance portico Slab	sqm	1	14.8		1	14.8		
	Total						**38.80**	**7123.62**	**276396.46**
51	KSRB 7.3 : Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications. Double leaf door of size 2.4x2.4m. Specification No. KBS 7.9 / 7.12. (P.No. 31, I.No. 7.3)								
	Ground Floor								
	MD	Sqm	1	2.1		2.1	4.41		
	D	Sqm	1	1.8		2.8	5.04		
	Third Floor								
	Water Tank Room	Sqm	1	1.2		2.1	2.52		
	Head Room	Sqm	1	1.2		2	2.4		
	Total						**14.37**	**2701.86**	**38825.73**
52	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.Pg No.300 Item No.38.30								
	Head Room roof	Sqm	1	6.60	3.75		24.75		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						**24.75**	**891.80**	**22072.05**
53	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all thememberes including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29).								
	Head Room roof	kgs	1	(7 X 3.75 X 34.38)=902.48			902.48		
		(number of purlins X length of purlin X 8mm thick Square hollow section weight per meter)							
	Total						**902.48**	127.4	**114975.32**
54	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.126 Item No.15.106								
	Internal Wall putty								
	Ground Floor								
	Kitchen	Sqm	1	31.20		0.90	28.08		
	Gas bank	Sqm	1	9.20		0.90	8.28		
	Store Room	Sqm	1	11.8		0.90	10.62		
	Dinning Hall	Sqm	1	45.73		0.90	41.157		
	Lobby	Sqm	1	13.70		0.90	12.33		
	Column	Sqm	4	1.30		0.90	4.68		
				(9*0.6*0.6)/2=1.62					
	Lobby								
		Sqm	1	13		0.9	11.7		
		Sqm	1	4.95		0.9	4.455		
		Sqm	1	4.5		0.9	4.05		
	near lobby	Sqm	2	1.85		2.1	7.77		
	Gents Toilet	Sqm	1	18.5		0.9	16.65		
	Ladies Toilet	Sqm	1	18.5		0.9	16.65		
	near Hand wash Basin	Sqm	1	9.1		0.9	8.19		
	Celing								
	Ground Floor Roof	Sqm	1	20.7	14.6		302.22		
	Deduction								
	Staircase	Sqm	1	3.10	-3.05		-9.46		
	V	Sqm	8	0.6		0.6	-2.88		
	First Floor								
	Lobby	Sqm	1	31.20		0.90	28.08		
	Office	Sqm	1	14.90		0.90	13.41		
	Hall	Sqm	1	32.30		0.90	29.07		
	Room	Sqm	2	12.20		0.90	21.96		
	Stage	Sqm	1	25.52		0.90	22.97		
	Column	Sqm	2	1.30		0.90	2.34		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	2	0.60		0.90	1.08		
	Toilets	Sqm	2	8.4		0.9	15.12		
	Celing								
	First Floor Roof								
		Sqm	2	16.15	3.1		100.13		
	Lobby	Sqm	1	14.60	4.3		62.78		
	Entrance portico Slab	sqm	1	3.8	5.5		20.9		
	Deduction								
	Staircase	Sqm	1	3.10	-3.05		-9.46		
	V	Sqm	2	0.6		0.6	-0.72		
	Second Floor								
	Hall	Sqm	1	50.90		0.90	45.81		
	stage	Sqm	1	15.75		3.00	47.25		
	Room	Sqm	2	15.50		3.00	93.00		
	Room	Sqm	3	18.20		3.00	163.80		
	Room	Sqm	1	19.8		3.00	59.40		
	Room	Sqm	1	12.8		3.00	38.40		
	column	Sqm	6	1.3		0.90	7.02		
	near Staircase	Sqm	1	1.9		0.9	1.71		
	Toilets								
		Sqm	1	8.4		0.9	7.56		
		Sqm	5	6		0.9	27		
		Sqm	1	6.2		0.9	5.58		
	Celing								
	Second Floor Roof	Sqm	1	20.7	14.6		302.22		
	Deduction								
	Staircase	Sqm	1	3.10	-3.05		-9.46		
	W	Sqm	10	1.8		-1.6	-28.80		
	D1	Sqm	7	0.9		-2.1	-13.23		
	V	Sqm	7	0.6		0.6	-2.52		
	Third floor								
	Head room								
		Sqm	1	6.6		2.55	16.83		
		Sqm	1	6.6		1.9	12.54		
		Sqm	2	3.75		2.23	16.68		
	Water Tank Room								
		Sqm	2	3.3		3	19.8		
		Sqm	2	4		3	24		
	Celing	Sqm	1	3.3		4	13.2		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
						Qty	**1613.48**	**64.68**	**104359.56**
55	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 117, I.No. 15.51.2								
	Internal Painting	Sqm	Internal Wall putty				1613.48		
			Celing				-752.19		
	Total						**861.29**	**103.88**	**89470.29**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
56	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall suface with wire brush of medium size emery stone to remove all the loosely adhering particales Pg No 125,Item No15.105								
	Ground floor								
	North and Southernside wall	Sqm	2	21.05		3	126.3		
	Eastern and western side wall	Sqm	2	15		3	90		
	Colum projection	Sqm	14	0.3		3	12.6		
	portico Columns	Sqm	4	1.256		3	15.072		
	Chajjas								
	ground floor								
	W	Sqm	11	2.10	0.60		13.86		
	Front	Sqm	11	2.10		0.10	2.31		
	Side	Sqm	22	0.60		0.10	1.32		
	W1	Sqm	4	1.50	0.60		3.60		
	Front	Sqm	4	1.50		0.10	0.60		
	Side	Sqm	8	0.60		0.10	0.48		
	V	Sqm	8	0.90	0.60		4.32		
	Front	Sqm	8	0.90		0.10	0.72		
	Side	Sqm	16	0.60		0.10	0.96		
	Deduction								
	W	Sqm	11	1.8		-1.6	-15.84		
			(11*1.8*1.6)/2=15.84						
	W1	Sqm	4	1.2		-1.6	-3.84		
			(4*1.2*1.6)/2=3.84						
	V	Sqm	8	0.6		-0.6	-1.44		
			(8*0.6*0.6)/2=1.44						
	MD	Sqm	1	2		-2.8	-5.6		
	D1	Sqm	1	0.9		-2.1	-1.89		
	First floor								
	North and Southernside wall	Sqm	2	21.05		3	126.3		
	Eastern and western side wall	Sqm	2	15		3	90		
	Colum projection	Sqm	14	0.3		3	12.6		
	portico Columns	Sqm	4	1.256		3	15.072		
	Chajjas								
	W	Sqm	4	2.10	0.60		5.04		
	Front	Sqm	4	2.10		0.10	0.84		
	Sides	Sqm	8	0.60		0.10	0.48		
	V	Sqm	4	0.90	0.60		2.16		
	Front	Sqm	4	0.90		0.10	0.36		
	Sides	Sqm	8	0.60		0.10	0.48		
	Deduction								
	W	Sqm	13	1.8		-1.6	-18.72		
			(13*1.8*1.6)/2=18.72						
	W1	Sqm	1	1.72		-1.2	-1.032		
			(1*1.72*1.2)/2=1.032						
	W1	Sqm	2	1.2		-1.6	-1.92		
			(2*1.2*1.6)/2=1.92						
	V	Sqm	4	0.6		-0.6	-0.72		
			(4*0.6*0.6)/2=0.72						
	MD	Sqm	1	2		-2.8	-5.6		

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Second floor								
	North and Southernside wall	Sqm	2	21.05		3	126.3		
	Eastern and western side wall	Sqm	2	19		3	114		
	Chajjas								
	W	Sqm	9	2.10	0.60		11.34		
	Front	Sqm	9	2.10		0.10	1.89		
	Sides	Sqm	18	0.60		0.10	1.08		
	W'	Sqm	1	3.05	0.60		1.83		
	Front	Sqm	1	3.05		0.10	0.31		
	Sides	Sqm	2	0.60		0.10	0.12		
	W1	Sqm	2	1.50	0.60		1.80		
	Front	Sqm	2	1.50		0.10	0.30		
	Sides	Sqm	4	0.60		0.10	0.24		
	V	Sqm	9	0.90	0.60		4.86		
	Front	Sqm	9	0.90		0.10	0.81		
	Sides	Sqm	18	0.60		0.10	1.08		
	Deduction								
	W	Sqm	10	1.8		-1.6	-14.4		
			(10*1.8*1.6)/2=14.4						
	W1	Sqm	4	1.2		-1.6	-3.84		
			(4*1.2*1.6)/2=3.84						
	V	Sqm	9	0.6		-0.6	-1.62		
	Third Floor								
	Head room								
		Sqm	1	6.6		2.55	16.83		
		Sqm	1	6.6		1.9	12.54		
		Sqm	2	3.75		2.23	16.68		
	Water Tank Room								
		Sqm	2	3.3		3	19.8		
		Sqm	2	4		3	24		
	Parapet wall	Sqm	2	36.05		1.3	93.73		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
	Deduction								
	D3	Sqm	2	1.2		2.1	-5.04		
	W	Sqm	1	1.2		1.2	-1.44		
						Qty	**885.59**	**402.78**	**356698.75**
57	KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and /or sloping roof as per specifications.Pg No 117,Item No15.49.2								
	Ceiling								
	Ground Floor Roof	Sqm	1	20.7	14.6		302.22		
	Deduction								
	Staircase	Sqm	1	3.1	-3.05		-9.46		
	First Floor Roof								
		Sqm	2	16.15	3.1		100.13		
	Lobby	Sqm	1	14.6	4.3		62.78		
	Deduction								
	Staircase	Sqm	1	3.1	-3.05		-9.46		
	Second Floor								

446-21

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Celing								
	Second Floor Roof	Sqm	1	20.7	14.6		302.22		
	Deduction								
	Staircase	Sqm	1	3.1	-3.05		-9.46		
	Water Tank Room	Sqm	1	3.3	4		13.20		
						Now To be Paid Qty	**752.19**	**88.2**	**66342.72**
58	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.32 Item No.7.9								
	Third floor								
	W1	kgs	1			30.24	30.24		
						21kg per sqm 1.2*1.2*21=30.24			
	Total						**30.24**	**107.80**	**3259.87**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
59	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:121.Item no:15.74								
	Ground Floor								
	W	sqm	11	1.8		1.6	31.68		
	W1	sqm	4	1.20		1.60	7.68		
	V	sqm	8	0.60		0.60	2.88		
	First Floor								
	W	sqm	13	1.8		1.6	37.44		
	W1	sqm	2	1.2		1.6	3.84		
	V	sqm	2	0.6		0.6	0.72		
	Second Floor								
	W	sqm	9	1.8		1.6	25.92		
	W'	sqm	1	2.75		0.65	1.78		
	W1	sqm	2	1.2		1.6	3.84		
	V	sqm	7	0.6		0.6	2.52		
	Third floor	sqm							
	W	sqm	1	1.2		1.2	1.44		
	Painting for Window Grill Works								
	Ground Floor								
	W	sqm	11	1.8		1.6	31.68		
	W1	sqm	4	1.2		1.6	7.68		
	First Floor								
	W	sqm	13	1.8		1.6	37.44		
	W1	sqm	2	1.2		1.6	3.84		
	Second Floor								
	W	sqm	9	1.8		1.6	25.92		
	W'	sqm	1	2.75		0.65	1.78		
	W1	sqm	2	1.2		1.6	3.84		
	Third floor	sqm							
	W	sqm	1	1.2		1.2	1.44		
						Qty	**233.36**	**95.06**	**22183.20**
60	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5)								
	in front of building outside	Cum	1	46	1.5	0.18	12.42		
	Compound Wall								
	EasternSide	Cum	**1**	**46**	**0.15**	0.15	1.04		
	WesternSide	Cum	**1**	**50.9**	**0.15**	0.15	1.15		
	southernside	Cum	**1**	**19.5**	**0.15**	0.15	0.44		
	Northen side	Cum	**1**	**31.1**	**0.15**	0.15	0.70		
	Deduction								
	Gate	Cum	**-1**	**3.5**	**0.15**	**0.15**	-0.08		
		Cum	**-1**	**4.2**	**0.15**	**0.15**	-0.09		
	Total						**15.57**	**6422.92**	**99975.96**

Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
61	Pg No.147 Item No.19.60 KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305.								
	coping concrete arround building	Cum							
	Outside Building	Cum	1	32	27	0.6	518.40		
		Cum	1	19	6.1	0.6	69.54		
		Cum	1	10	3	0.6	18.00		
		Cum	1	20	11	0.6	132.00		
		Cum	1	16	5	0.6	48.00		
		Cum	1	20	7	0.6	84.00		
	in front of building outside	Cum	1	46	1.5	0.6	41.40		
	Deduction	Cum							
	tree pit	Cum	1	12.56		0.6	-7.54		
		Cum		(3.14*4*4)/4		0.6			
	Electric Yard	Cum	1	4.25	5.2	0.6	-13.26		
	man Holes	Cum	12	0.6	0.6	0.6	-2.59		
	Sump Cover	Cum	2	0.6	0.6	0.6	-0.43		
	steps	Cum	1	0.95	2	0.6	-1.14		
		Cum	2	1.9	1.5	0.6	-3.42		
						Quantity	**882.96**	**349.86**	**308912.39**
							TOTAL		**4640544.05**

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : CONSTRUCTION OF HEAD ROOM, OVERHEAD TANK PROVIDING SANITARY WATER SUPPLY CONNECTIONS AND ELECTRICAL WORKS TO MARRIAGE COMMUNITY HALL BUILDING AT CHIKKABETTAHALLI IN WARD NO. 03

2 Sump

Sl No	Description of Item	Unit	No	L	B	D	QTY	Rate	Amount
62	KSRB 2-2.5 : Excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in Hard Rock not exceeding 1.5 m. in depth including Stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1.d / 2.3.4 / 2.18 / 2.19 (P.No. 5/I.No. 2.7)								
	Sump	cum	1	4.10	2.70	2.00	22.14		
	Septic Tank	cum	1	3.20	2.70	1.80	15.55		
	Total						**37.69**	**594.86**	**22421.46**
63	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.12 Item No 4.3								
	Sump	cum	1	4.10	2.70	0.10	1.11		
	Septic Tank	cum	1	3.20	2.70	0.10	0.86		
	Total						**1.97**	**5640.88**	**11118.17**
64	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 Pg No.6 Item No.2.10								
	Filling in foundations								
	Sump								
	Excavated earth quantity	Cum	From SL no 62				**22.14**		
	Sump Quantity								
	Bottom	Cum	1	4.10	2.70	0.25	-2.77		
	Sump walls	Cum	2	4.10	0.15	1.60	-1.97		
		Cum	2	2.70	0.15	1.60	-1.30		
	Top slab	Cum	1	4.10	2.70	0.15	-1.66		
						Sub Total	**14.45**		
	Septic Tank Quantity								